Index of Claims

| Application No.       | Applicant(s) |
|-----------------------|--------------|
| 10/616,417            | CHEN ET AL.  |
| Examiner              | Art Unit     |
| Reginald L. Alexander | 1761         |

Rejected - (Through numeral)
Cancelled
+ Restricted

Non-Elected A Appeal
I Interference O Objected

| Claim | Τ-            | Date         |                |                 |          |              |         |   | ]ب          | Cla          | im       | n Date       |            |          |          |                     |  |    |         |                     | CI   | aim      | Date   |  |          |                                      |          |  |          |  |          |
|-------|---------------|--------------|----------------|-----------------|----------|--------------|---------|---|-------------|--------------|----------|--------------|------------|----------|----------|---------------------|--|----|---------|---------------------|--|----------|--|--|----------|--------------------------------------|----------|--|----------|--|----------|
|       | u             | П            | वा             | Ť               | Ť        | Τ            | Т       | 1                                       | ĸ.          |              |          |              |            | $\top$   | ٦        | Т                   | T  | Τ  | T       | ***                 |  | -a       |  |  |          |                                      |          |  | T        | I  | 1        |
| Final | 1             | ╽▐           | 930            | Ì               | 1        | 1            |         | 333                                     | Mare 2 (18) | Final        | Original |              |            | ı        |          | -                   | 1  | ı  |         | 17.5                | Finat  | Original |  |  | 1        | ı                                    |          | П  | - 1      | - 1  |          |
| Final | ·             | 1            | al             | '-              | ŀ        |              |         |   |             | ᇤ            | 준        | 1 1          |            | - 1      | ١        | -                   | ł  | ı  | ł       | NA.                 | ű.   | Ę        |  | li   | Н        |                                      |          | П  | - 1      | - 1  | - 1      |
| ٦٦١٩  | <b>'</b> P    | <b>i</b> l 1 | 7              | -               |          | ı            | i       | 100                                     | 5           |              | O        |              |            |          | $\perp$  |                     | L  | 1  | 1_      |                     |  |          |  |  | Ц        |                                      |          | Ш  | $\dashv$ | 4  | ᅬ        |
| 1     | 1             | 분            | VÎ             | ┪               | _        | $\top$       | 7       |   |             |              | 51       |              |            |          |          |                     | 1  | ┸  | L       |                     |  | 101      | L  |  | Ц        |                                      |          |  | _        | 4  | _        |
| 1 2   |               | F            | 0              |                 | 7        | Τ            |         |   |             |              | 52       |              |            |          |          | Д.                  | $\perp$  | ┸  | ┸       | Birtini<br>Unitedia |  | 102      | ᆫ  | Ш  |          |                                      |          |  | _        | 4  | 4        |
|       | 1             | П            | 7              | T               | П        | Т            |         |   | Ī           |              | 53_      | Ш            |            | $\bot$   | _        | ⅃.                  | ┸  | 4  | ┸       |                     |  | 103      | Щ  | Щ  | Н        |                                      |          | Щ  | -        | -  | 4        |
| 4     |               | $\div$       | o.             |                 |          |              |         |   | では、日本の      |              | 54       | Ш            | Щ          | _        | 4        | 4                   | 4  | 4  | 4-      | 1                   |  | 104      | L  | L  | Н        | _                                    | -        | -  | $\dashv$ | $\dashv$   | 4        |
| 5     | $\prod$       | N            | 7              |                 | $\perp$  |              |         | 1 2                                     | ##.<br>##.  |              | 55       |              |            | _        | _        | 4                   | 4  | +  | 4       | 퇉                   |  | 105      | ļ  | Ь.   | Н        |                                      | Н        | -  | -+       | $\dashv$   | 4        |
|       |               | +            | 0              |                 |          | $\perp$      |         | Ц                                       |             |              | 56       | L_           | 4          |          | 4        | 4                   | -  | 4  | 4       |                     |  | 106      | <u> </u>   | ├-   | Н        | _                                    | Ľ        | Н  | $\dashv$ | -  |          |
| 7     |               | Ш            | 0              | $\perp$         | _ _      | ┵            | ┺       |   | 13          |              | 57       | ┖            | Ц          | _        | -4       | 4                   | +  | 4  | +       |                     | <u> </u>   | 107      | ⊢  | ⊢  | Н        | _                                    | -        | ╌  | -        | -+   | -        |
| E     |               | 111          |                | 4               |          | 4            | -       | $\sqcup$                                |             |              | 58       | _            | Н          | -        | -        | 4                   | +  | +- |         | 12                  | ┝  | 109      | ⊢  | $\vdash$   | Н        |                                      | ⊢        | Н  | $\dashv$ | $\dashv$   | $\dashv$ |
| 9     |               | 臣            | <b>U</b>       | -4              | 4.       | 1            | ╄       | H                                       | 1           |              | 59       | L            | Н          | -        | +        | -                   | +  | ╁  | ╁       | 1                   |  | 110      | ⊢  | H  | -        | Н                                    | _        | Н  | $\dashv$ | ┥  | -        |
| 1     |               | 4            | $\angle$       | 4               | +        | 4-           | 4-      | Н                                       |             | ļ            | 60       |              | ⊢⊢         | -        | $\dashv$ | -                   | ╌┼╾  | +  | ┿       |                     | $\vdash$   | 111      | ╁╌   | ⊢  | Н        | H                                    | H        | ┢┤   | $\vdash$ | -  | $\dashv$ |
| 1     |               | Ξ            | Q              | 4               | +        | +            | +       | Н                                       | i ir<br>Mi  | <u> </u>     | 61<br>62 | 1            | ⊢┤         | -+       | ┥        | $\dashv$            | +  | ╁  | +-      | 繭                   |  | 112      | Н  | ╁╴   | Н        | Н                                    | $\vdash$ | H  | H        | ┪  | -        |
| 1     |               | Ш            | Ø              | -               | -        | +            | +       | <del>   </del>                          | THE         |              | 63       | ⊢            | ┝╼┥        | -+       |          | +                   | +  | +  | +-      | ₩.                  | <del> </del>                                     | 113      | ╁  | ┢  | Н        | ┢                                    | Н        | $\vdash$   | $\vdash$ | -  | -        |
| 1     |               | Ш            | M              | $\dashv$        | +        | +            | +       | H                                       | ij.         |              | 64       | 1-           | Н          | -1       | $\dashv$ | -                   | +  | +  | ╁       |                     | $\vdash$   | 114      | $\vdash$   | 1  | Н        | $\vdash$                             | Н        | H  | ┝╾┥      | ┥  | -        |
| 1     |               | 44           | Ň              | 1               | +        | ╂            | +       | Н                                       | 1           | ├            | 65       | ╁            | Н          | $\dashv$ | ┥        | -+                  | +  | +  | +-      | 13                  | $\vdash$   | 115      | ╁╴   | <del> </del>                                     | Н        | -                                    | H        | ┢  | H        | $\dashv$   | -        |
|       |               | 幵            | ð              | $\dashv$        | +        | +            | ╂       | ⊢                                       | Ų,          | $\vdash$     | 66       | ╁╌           | $\vdash$   |          | ┥        | +                   | +  | +  | +       |                     | <b> </b>   | 116      | t-   | t  | Н        | -                                    | H        | <del>                                     </del> | H        | ᅥ  | _        |
| 1     |               | $\vdash$     | 0              | ┉               | +        | +            | +       | +-1                                     | 7           | <del> </del> | 67       | +-           | Н          | $\dashv$ | ┥        | +                   | +  | 十  | 十       |                     | <del> </del>                                     | 117      | $t^{-}$  | <del>                                     </del> | Н        | _                                    | H        | Н  | H        | $\dashv$   | _        |
|       | _             | ╀            | Ó              | $\dashv$        |          | ╁            | ╁       | ╁┼                                      |             | ┢            | 68       | ┢            | Н          |          | -        | $\dashv$            | +  | +  | ╅       |                     | $\vdash$   | 118      | <del>                                     </del> | 1  | Н        | _                                    | ╁        | $\vdash$   | Н        | $\dashv$   | _        |
|       | 8             | ╁            | y              | $\dashv$        | +        | ╌            |         | H                                       |             | <del> </del> | 69       | ╁            | Н          | $\dashv$ | $\dashv$ | $\dashv$            | ╅  | ╁  | ╅       | pilit.              | -  | 119      | ✝  | t  | ╁╴       | ┪                                    | <b>†</b> | П  | Н        | ┪  | _        |
|       | 9             | ╀            | _              | -               |          | ╫            | ╫       | Н                                       | 1           | ⊢            | 70       | ╁            | Н          | Н        | ┪        | +                   | ┿  | +  | ╅       | -8                  | 1  | 120      | ╁┈   | 1  | ┢        | _                                    | ✝        | 1  | Н        |  |          |
| 1 2   |               | ┿            | Ω              | $\dashv$        | +        | ╅            | ┰       | Н,                                      | Ť.          | _            | 71       | ╁            | Н          | Н        | -        | ┪                   | ╅  | +  | +       |                     | $\vdash$   | 121      | 1  | †  | П        | Г                                    | ┪        | T  | Н        |  | _        |
| 1 2   |               | ╁╌           | Н              | Н               | +        | +            | +-      | 1-1                                     | 1           |              | 72       | ╁╌           | Н          | Н        | -1       | 寸                   | +  | +  | ╅       | 1                   | <del>                                     </del> | 122      | t  | Т  | Т        | Н                                    | 1        | 1  | П        |  |          |
|       | 3             | +-           | Н              | $\vdash$        | +        | ╅            | ╁       | +                                       |             | $\vdash$     | 73       | ╁            |            | Н        |          | 寸                   | 十  | 十  | +       |                     |  | 123      | T  | T  | T        | Г                                    | ✝        |  |          |  | _        |
|       | 4             | ╁            | H              | Н               | +        | ┰            | +-      |   |             | ┢            | 74       | 1            | Н          | Н        | -1       | ┪                   | 十  | +  | ✝       | 翼                   | $\vdash$   | 124      | 1  | ✝  | T        | Г                                    | Γ        |  | П        |  | _        |
|       | 5             | ╁╌           | H              | Н               | +        | ╅            | _       | Н                                       | 4           | <u> </u>     | 75       | Ť            | П          | Н        | ┪        | 1                   | 十  | 十  | 丁       |                     |  | 125      | Τ  | Т  |          | Γ                                    | Г        | Т  |          |  | _        |
|       | 6             | ╈            | Н              | H               | $\dashv$ | ╁            | 1       | H                                       |             | ┢            | 76       | 1-           | М          | М        |          |                     | 7  | +  | T       | 捕                   | $\overline{}$                                    | 126      | ✝  | Т  | T        | ľ                                    |          | 1  | П        |  |          |
|       | 7             | +            | H              | H               | _        | +            | 十       | М                                       | L           | ┝            | 77       | 1-           | П          | П        | ┪        | 1                   | 丁  | 7  | T       |                     |  | 127      | T  | Г  | T        |                                      | Π        |  |          |  |          |
|       | 8             | ╅╴           | Н              | H               | 十        | ╅            | ╈       | П                                       | ici i       | $\vdash$     | 78       | 十            | П          | П        | ┪        | $\neg$              | 1  | T  | $\top$  |                     |  | 128      | T  | T  |          |                                      | Г        |  |          |  |          |
|       | 9             | 十            | Н              | Н               | 十        | +            | +       |   |             |              | 79       | Τ            | П          | П        | ╛        | ╗                   | 1  | 7  | 1       |                     |  | 129      | Т  |  |          |                                      |          | $\Box$   |          |  |          |
|       | 0             | †            | П              | П               |          | ╅            | 1-      | П                                       | 7.7         |              | 80       | 1            | П          | П        | ╗        |                     | T  | T  | Т       | 黨                   |  | 130      | L  |  | $\Box$   |                                      | $\Box$   |  |          |  |          |
|       | 11            | Τ            |                | П               | T        | +            | 1       | П                                       | Ī           |              | 81       |              |            |          |          |                     |  | Т  |         |                     |  | 131      | $\Gamma$   |  |          |                                      |          |  |          |  |          |
| -     | 12            | T            | Г              | П               | 1        | Ī            |         | П                                       |             |              | 82       | $\mathbf{L}$ |            |          |          |                     | $\Box$   | I  | $\perp$ | TITT                |  | 132      |  | L  | 乚        | Ĺ                                    | L        | 1  | Ш        | Ш  | L        |
|       | 13            | Τ            |                |                 | $\Box$   |              | I       |   |             |              | 83       | L            | $\Box$     |          |          |                     | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | I  | $\perp$ | 12.5                |  | 133      |  | L  | ┖        | L                                    | L        | 1_   |          | Щ  | _        |
| 3     | 4             | Ι            |                |                 | $\Box$   | $\mathbf{I}$ | $\perp$ | $\Box$                                  |             |              | 84       | Γ            |            |          |          |                     | $\perp$  | Ţ  | _       |                     | _  | 134      | 1  | ╀  | <b>!</b> | L                                    | 1        | ↓_   | <u> </u> | Щ  | L        |
|       | 5             | $oxed{\Box}$ |                | $\square$       | $\perp$  | $\perp$      | L       | _                                       |             | <u> </u>     | 85       | 1_           | $\sqcup$   | Ш        |          | Ц                   | _  | 4  | _       |                     | <u> </u>   | 135      |  | 1-   | ₩        | L                                    | ۰        | 1  | Н        | Ш  | $\vdash$ |
|       | 16            |              |                | Ш               |          | ᆚ            | $\bot$  | Ш                                       |             | <u> </u>     | 86       | 1            | <u> </u>   | Ш        | Ц        | Ш                   | 4  | 4  | 4       | - 遭                 |  | 136      | 4  | ╄  | ₩.       | ▙                                    | ╀        | 1-   | -        | $\vdash$   | $\vdash$ |
|       | 7             | 1            | $\Box$         | Ш               |          | Д.           | 4       | Ш                                       | K           | <u> </u>     | 87       | ╄            | ┞-         | Ш        | Ц        | Щ                   | 4  | 4  | 4       |                     | <b>—</b>   | 137      | ╄  | ╀  | ╄-       | ⊢                                    | ╀        | ╂  | -        | Н  | -        |
|       | 18            | 4            | L              | Ц               | _        | 4            | 4       | $\dashv$                                |             | <b> </b>     | 88       | ╀            | ┡          | 니        | Н        | $\sqcup \downarrow$ | +  | +  | +       | AND MADE            | <u> </u>   | 138      |  | ╀  | 1        | ╂-                                   | ╀╌       | ╀  | -        | $\vdash$   | $\vdash$ |
|       | 19            | $\bot$       | <u> </u>       | Ш               | 4        | 4            | +       | $\dashv$                                |             | ⊢            | 89       | ╀            | <b>↓</b> _ | Н        | Н        | dash                | $\dashv$   | 4  | +       | -[                  | <u> </u>   | 139      |  | ╁  | +-       | ╀                                    | ╀        | +-   | ┨        | $\vdash$   | $\vdash$ |
|       | 0             | 4-           | ⊢              | Ц               | 4        | 4            | +       | ╁┤                                      |             | <u> — </u>   | 90       | +-           | ╂          |          | Н        | Ш                   | -  | 4  | +       | - 2                 | $\vdash$   | 140      |  | ╁  | ╁        | ╀                                    | +        | ╀  | $\vdash$ | ⊢  | ⊢        |
|       | 11            | 4            | ļ              |                 | 4        | 4            | +       | +                                       |             | <b> </b>     | 91       | +-           | ₩          | Н        | Н        | Н                   |  | +  | +       | -4                  | $\vdash$   | 141      | _  | ╁  | ╁        | ⊢                                    | ╀        | ╂┈   | ╂        | ⊢  | ⊢        |
|       | 2             | +-           | <b>!</b>       | ┞╌┥             | 4        | +            |         | H                                       | 7           |              | 92       | +-           | ₩          | Н        | Н        | $\vdash$            | -+   | +  | +       | -1                  |  | 143      |  | ╁╴   | ┰        | Ͱ                                    | ╀        | +-   | ╁╌       | ⊢  | H        |
|       | 13            | ╀            | ├-             | $\vdash \dashv$ | +        | +            | +-      | H                                       | Ľ           | <b> </b>     | 93<br>94 | +-           | ╂          | Н        | Н        | $\vdash$            | +  | +  | +       | -44                 | -  | 144      |  | ╁  | ╁╴       | ۲                                    | ╁        | ╁  | +        | H  | Н        |
|       | 14            | +-           | ┺              | H               | -        | +            | +-      | ╂╌┤                                     |             | ├—           | 95       | ╀            | ╁╌         | Н        | Н        | Н                   | -+   | +  | +       | -                   | -  | 145      | _  | ╂┈   | ╂╼       | t                                    | H        | ٠  | Н        | Н  | ┢        |
|       | 15            | ╁            | -              | H               | $\dashv$ | ╁            | +       | ╂┤                                      |             |              | 96       | ╀╌           | ╁╌         | ┢┥       | Н        | Н                   | $\dashv$   | +  | ┰       | -                   | -  | 146      |  | ╆  | ╀        | ۲                                    | ╁        | 十  | ┪        | <del>                                     </del> | H        |
|       | 16            | ╁            | Ͱ              | ┤┤              | -+       | +            | +       | ╁┤                                      | .0          | <b> </b>     | 97       | ╁            | ╁          | H        | Н        | H                   | $\dashv$   | +  | +       | - 3                 | $\vdash$   | 147      |  | +  | +-       | +                                    | 十        | +-   | 1-       | -  | Н        |
|       | 18            | +-           | <del> </del> - | ┝╌┤             | +        | +            | ╫       | H                                       |             |              | 98       | ╁╴           | +-         | Н        | Н        | $\vdash \dashv$     | $\dashv$   | +  | +       | - [ ]               | $\vdash$   | 148      |  | ╁╴   | +        | t                                    | t        | t  | ✝        | _  | Г        |
|       | 19            | +            | ┢              | ╁┥              | +        | +            | +       | ┽┤                                      | j.          | -            | 99       | ╁            | +-         | H        | Н        | Н                   | $\dashv$   | +  | +       | -                   | 1  | 149      |  | †-   | t        | t                                    | t        | t  | †        | Г  | Т        |
|       | 0             | +            | ⊢              | H               |          | +            | +       | +                                       |             | $\vdash$     | 100      | ╁╌           | +-         | Н        | Н        | Н                   | ┪  | +  | +       | 15                  | 1  | 150      |  | T  | †        | t                                    | t        | †  | †        | _  | Г        |
| قليا  | <u>, v i </u> |              |                | ш               |          |              |         | تــــــــــــــــــــــــــــــــــــــ | 2           |              | 1.00     | 1_           |            | ட        |          | ш                   | 1_   | ᆚ  |         | _=                  | ــــــــــــــــــــــــــــــــــــــ           | , .,,,   |  | ٠.   |          | ــــــــــــــــــــــــــــــــــــ | _        | 1_   |          | Щ.   |          |